AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-17. (canceled)

18. (currently amended) A computer-readable information recording medium on which there is recorded:

an object data file for collectively storing object data which includes a first stream having video information to indicate a main-video and a second stream having ~~sub video~~ sub-picture information, sub-picture ~~sub video~~ control information, wherein~~,~~

the first stream is stored with being divided into a plurality of packets,

the second stream is stored with being divided into a plurality of packets,

the object data includes a plurality of aligned units, each of which includes the plurality of packets,

the sub-picture ~~sub video~~ information indicating a sub-picture which can be superimposed ~~sub video displayable at least partially~~ over the main-video and including identification information for identifying the sub-picture information,

the sub-picture ~~sub video~~ control information including (i) a control information element for display control of the sub-

2

picture ~~sub-video~~ information in a method set in advance, ~~and~~
(ii) information to indicate presence or absence, or
effectiveness or ineffectiveness of the control information
element, (iii) identification information for identifying the
sub-picture information which is a target of control, (iv)
display range information for specifying a display range in which
the sub-picture information is displayed and (v) cut out range
information for cutting-out and displaying at least one portion
of the sub-picture information;

a play list information file for collectively storing,
in an area which is different from an area into which the object
data file is stored a play list information which defines a
plurality of item information each indicating a start time and an
end time of the first and the second streams by a unit of item;
and

an object information file for collectively storing, in
an area which is different from an area into which the object
data file is stored, object information which includes address
information for indicating, by a unit of the stream, an address ~~a~~
~~storing position~~ of the first and second streams corresponding to
each item.

19-26. (canceled)

27. (currently amended)   An   information   record

apparatus comprising:

a first record device for recording an object data file for collectively storing object data which includes a first stream having video information to indicate a main-video and a second stream having sub-picture ~~sub-video~~ information, sub-picture ~~sub-video~~ control information, wherein

the first stream is stored with being divided into a plurality of packets, the second stream is stored with being divided into a plurality of packets, the object data includes a plurality of aligned units, each of which includes the plurality of packets, the ~~sub video~~ sub-picture information indicating a sub-picture which can be superimposed ~~sub video displayable at least partially~~ over the main-video and including identification information for identifying the sub-picture information,

the ~~sub video~~ sub-picture control information including (i) a control information element for display control of the sub-picture ~~sub video~~ information in a method set in advance, ~~and~~ (ii) information to indicate presence or absence, or effectiveness or ineffectiveness of the control information elements, (iii) identification information for identifying the sub-picture information which is a target of control, (iv) display range information for specifying a display range in which the sub-picture information is displayed and (v) cut out range information for cutting-out and displaying at least one portion of the sub-picture information;

a second record device for recording a play list information file for collectively storing in an area which is different from an area into which the object data file is stored a play list information which defines a plurality of item information ~~each~~ indicating a start time and an end time of the first and the second streams by a unit of item and

a third record device for recording an object information file for collectively storing, in an area which is different from an area into which the object data file is stored, object information which includes information for indicating, by a unit of the stream, an address ~~a storing position~~ of the first and second streams corresponding to each item.

28. (canceled)

29. (currently amended) An information record method comprising:

a first record process of recording an object data file for collectively storing object data which includes a first stream having video information to indicate a main-video and a second stream having sub-picture ~~sub video~~ information and sub-picture ~~sub video~~ control information, wherein

the first stream is stored with being divided into a plurality of packets, the second stream is stored with being divided into a plurality of packets, the object data includes a

plurality of aligned units, each of which includes the plurality of packets, the sub-picture ~~sub video~~ information indicating a sub-picture which can be superimposed ~~sub video displayable at least partially~~ over the main-video and including identification information for identifying the sub-picture information,

the sub-picture ~~sub video~~ control information including (i) a control information element for display control of the sub-picture ~~sub video~~ information in a method set in advance, ~~and~~ (ii) information to indicate presence or absence, or effectiveness or ineffectiveness of the control information elements, (iii) identification information for identifying the sub-picture information which is a target of control, (iv) display range information for specifying a display range in which the sub-picture information is displayed and (v) cut out range information for cutting-out and displaying at least one portion of the sub-picture information;

a second record process of recording a play list information file for collectively storing in an area which is different from an area into which the object data file is stored, a play list information which defines a plurality of item information ~~each~~ indicating a start time and an end time of the first and the second streams by a unit of item; and

a third record process of recording an object information file for collectively storing, in an area which is different from an area into which the object data file is stored,

object information which includes address information for indicating, by a unit of the stream, an address ~~a storing position~~ of the first and second streams corresponding to each item.

30. (canceled)

31. (currently amended) An information reproduction apparatus for reproducing information on an information record medium on which there are recorded:

an object data file for collectively storing object data which includes a first stream having video information to indicate a main-video and a second stream having sub-picture ~~sub-video~~ information and sub-picture ~~sub-video~~ control information, wherein, the first stream is stored with being divided into a plurality of packets, the second stream is stored with being divided into a plurality of packets, the object data includes a plurality of aligned units, each of which includes the plurality of packets, the sub-picture ~~sub-video~~ information indicating a sub-picture which can be superimposed ~~sub-video displayable at least partially~~ over the main-video and including identification information for identifying the sub-picture information, the sub-picture ~~sub-video~~ control information including (i) a control information element for display control of the sub-picture ~~sub-video~~ information in a method set in advance, ~~and~~ (ii)

7

information to indicate presence or absence, or effectiveness or ineffectiveness of the control information element, (iii) identification information for identifying the sub-picture information which is a target of control, (iv) display range information for specifying a display range in which the sub-picture information is displayed and (v) cut out range information for cutting-out and displaying at least one portion of the sub-picture information; a play list information file for collectively storing in an area which is different from an area into which the object data file is stored, a ~~play~~ play list information which defines a plurality of item information ~~each~~ indicating a start time and an end time of the first and the second streams by a unit of item; and an object information file for collectively storing, in an area which is different from an area into which the object data file is stored, object information which includes address information for indicating, by a unit of the stream, an address ~~a storing position~~ of the first and second streams corresponding to each item,

said information reproduction apparatus comprising:

a reading ~~reproduction~~ device for reading ~~reproducing~~ (i) the play list information, (ii) the object information ~~which corresponds to the play list information~~, (iii) the video information of the first stream ~~which corresponds to the object information~~, and (iv) the ~~sub-video~~ sub-picture information and the sub-picture ~~sub video~~ control information of the second

stream ~~which corresponds to the object information~~;

a display output device capable of outputting the reproduced sub-picture ~~sub video~~ information over the reproduced video information; and

a control device for controlling the display output device to display-control the sub-picture ~~sub video~~ information in the method and display the sub-picture ~~sub video~~ information over the main-video, on the basis of ~~the control information element whose presence is shown by the information to indicate presence or absence of the control information element which is included in~~ the reproduced sub-picture ~~sub video~~ control information.

32. (canceled)

33. (currently amended) An information reproduction method of reproducing information on an information record medium on which there are recorded: an object data file for collectively storing object data which includes a first stream having video information to indicate a main-video and a second stream having sub-picture ~~sub video~~ information and sub-picture ~~sub video~~ control information, wherein, the first stream is stored with being divided into a plurality of packets, the second stream is stored with being divided into a plurality of packets, the object data includes a plurality of aligned units, each of which

includes the plurality of packets, the sub-picture ~~sub-video~~ information indicating a sub-picture which can be superimposed ~~sub-video displayable at least partially~~ over the main-video and including identification information for identifying the sub-picture information, the sub-picture ~~sub-video~~ control information including (i) a control information element for display control of the sub-picture ~~sub video~~ information in a method set in advance, ~~and~~ (ii) information to indicate presence or absence, or effectiveness or ineffectiveness of the control information elements, (iii) identification information for identifying the sub-picture information which is a target of control, (iv) display range information for specifying a display range in which the sub-picture information is displayed and (v) cut out range information for cutting-out and displaying at least one portion of the sub-picture information; a play list information file for collectively storing in an area which is different from an area into which the object data file is stored, a play list information which defines a plurality of item information ~~each~~ indicating a start time and an end time of the first and the second streams by a unit of item; and an object information file for collectively storing, in an area which is different from an area into which the object data file is stored, object information which includes address information for indicating, by a unit of the stream, an address ~~a storing position~~ of the first and second streams corresponding to each

item,,

said information reproduction method comprising:

a reading ~~reproduction~~ process of reading ~~reproducing~~ (i) the play list information, (ii) the object information ~~which corresponds to the play list information~~, (iii) the video information of the first stream ~~which corresponds to the object information~~, and (iv) the ~~sub-video~~ sub-picture information and the sub-picture ~~sub-video~~ control information of the second stream ~~which corresponds to the object information~~; and

a control process of controlling a display output device capable of outputting the reproduced sub-picture ~~sub-video~~ information over the reproduced video information, to display-control the sub-picture ~~sub-video~~ information in the method and display the sub-picture ~~sub-video~~ information over the main-video, on the basis of ~~the control information element whose presence is shown by the information to indicate presence or absence of the control information element which is included in~~ the reproduced sub-picture ~~sub-video~~ control information.

34-43. (canceled)